



HIGH PURITY INSULATING CASTABLE

PRODUCT: ACCGUN INS 11
TYPE: INSULATING GUNNING MATERIAL
NATURE OF BOND: HYDRAULIC
INSTALLATION: GUNNING

GENERAL PROPERTIES

MAX. SERVICE TEMPERATURE: 1100 °C
MAXIMUM GRAIN SIZE: 6 mm
WATER REQUIRED FOR CASTING: 40 – 46 %

CHEMICAL ANALYSIS, %

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Fe ₂ O ₃	4.00 – 5.00	4.60	BIS 12107 Part 6

PHYSICAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Dry density, g / cc after drying at 110 °C / 24 hrs	1.05 – 1.15	1.08	BIS 10570
CCS, kg/cm ² after drying at 110 °C / 24 hrs after heating at 800 °C / 3 hrs	25 – 45 20 – 40	30 25	BIS 10570 BIS 10570
MOR, kg/cm ² after drying at 110 °C / 24 hrs after heating at 800 °C / 3 hrs	10 – 16 8 – 15	12 10	BIS 10570 BIS 10570
% Retained on maximum size	0 – 5	1.2	BIS 1528 Part 14

THERMAL PROPERTIES

	RANGE	TYPICAL VALUE	TEST PROCEDURE
Refractoriness, Orton / °C		+ 13 / + 1349	BIS 1528 Part 1
PLC, % after heating at 800 °C / 3 hrs	(- 1.00) to (+ 1.00)	- 0.50	BIS 10570
Thermal Conductivity, kcal/m/hr/°C at 500 °C HF	0.21– 0.26	0.25	WATER CALORIMETRIC METHOD

Packaging: 25 kg bags

Delivery State: Dry

Storage Life: Best till 9 months from the date of production, if stored in proper condition.

Note:

(1) The data are current production averages. They can not be used as limits for specification.

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